1.   A method of demodulating a pulsewidth-modulated data stream using an

2   asynchronous clock, comprising the steps of:

measuring a temporal aspect of the asynchronous clock; and

4   locking onto the data stream in accordance with the measured periods.

2.   The method of claim 1, wherein the temporal aspect is a ratio of measured

2   periods.

3.   The method of claim 3, wherein the ratio is 2:1.